



Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-61. (Canceled)

62. (New) An antenna, comprising:

a planar ground pattern; and

a planar element including a continuous varying portion that causes a distance with the planar ground pattern to vary formed at an edge portion of the ground pattern side of the planar element,

wherein the continuous varying portion includes at least one of a curved line and a plurality of line segments which are connected while their inclinations are changed stepwise,

wherein at the continuous varying portion, the distance with the planar ground pattern is gradually increased so as to be farther away from a feed position of the planar element,

wherein the planar element is symmetric with a line that passes through the feed position,

wherein the planar ground pattern and the planar element do not completely cover each other and both planes thereof are parallel or substantially parallel to each other,

wherein a first shape of the edge portion of a ground pattern side of the planar element is asymmetric with a second shape of an edge portion of a planar element side of the planar ground pattern, and

wherein the planar element includes a rectangular cut-out portion at an edge portion opposite to the ground pattern side of the planar element.